FIG.1

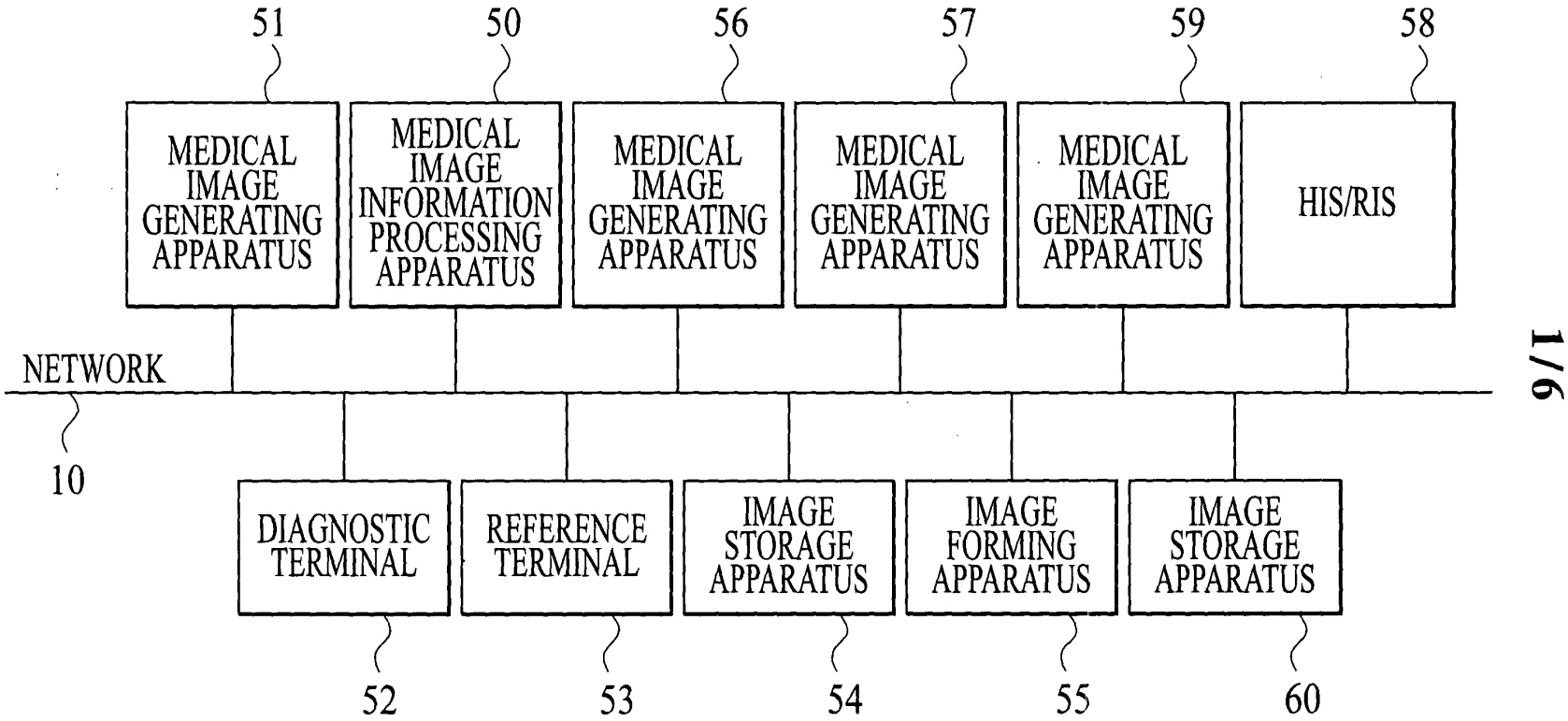

51
50
56
57
59
58
MEDICAL IMAGE GENERATING APPARATUS
MEDICAL IMAGE INFORMATION PROCESSING APPARATUS
MEDICAL IMAGE GENERATING APPARATUS
MEDICAL IMAGE GENERATING APPARATUS
MEDICAL IMAGE GENERATING APPARATUS
HIS/RIS
NETWORK
10
DIAGNOSTIC TERMINAL
REFERENCE TERMINAL
IMAGE STORAGE APPARATUS
IMAGE FORMING APPARATUS
IMAGE STORAGE APPARATUS
52
53
54
55
60

FIG.2

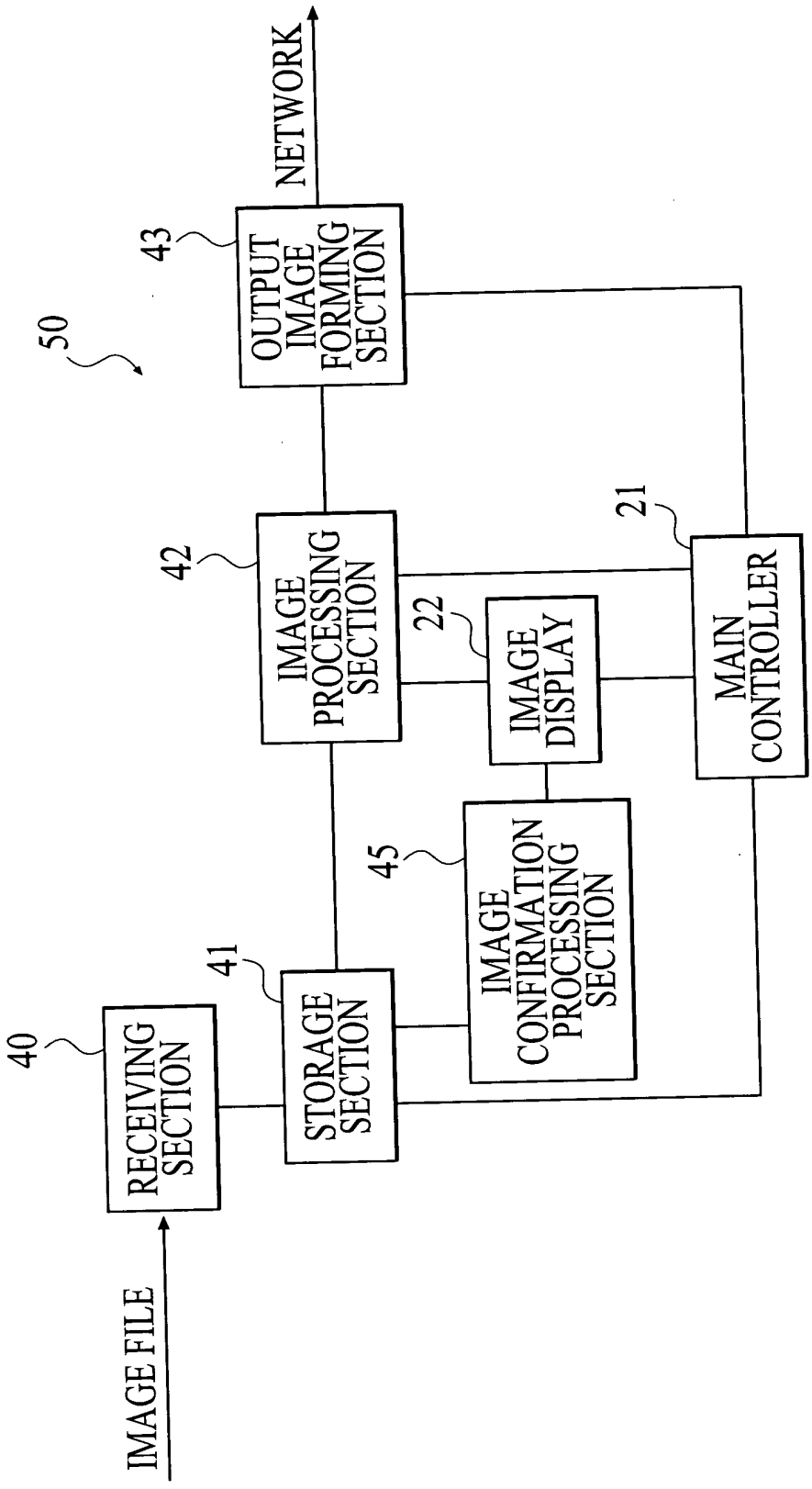


IMAGE FILE
RECEIVING SECTION
40
STORAGE SECTION
41
IMAGE CONFIRMATION PROCESSING SECTION
45
IMAGE PROCESSING SECTION
42
IMAGE DISPLAY
22
MAIN CONTROLLER
21
OUTPUT IMAGE FORMING SECTION
43
50
NETWORK

FIG.3

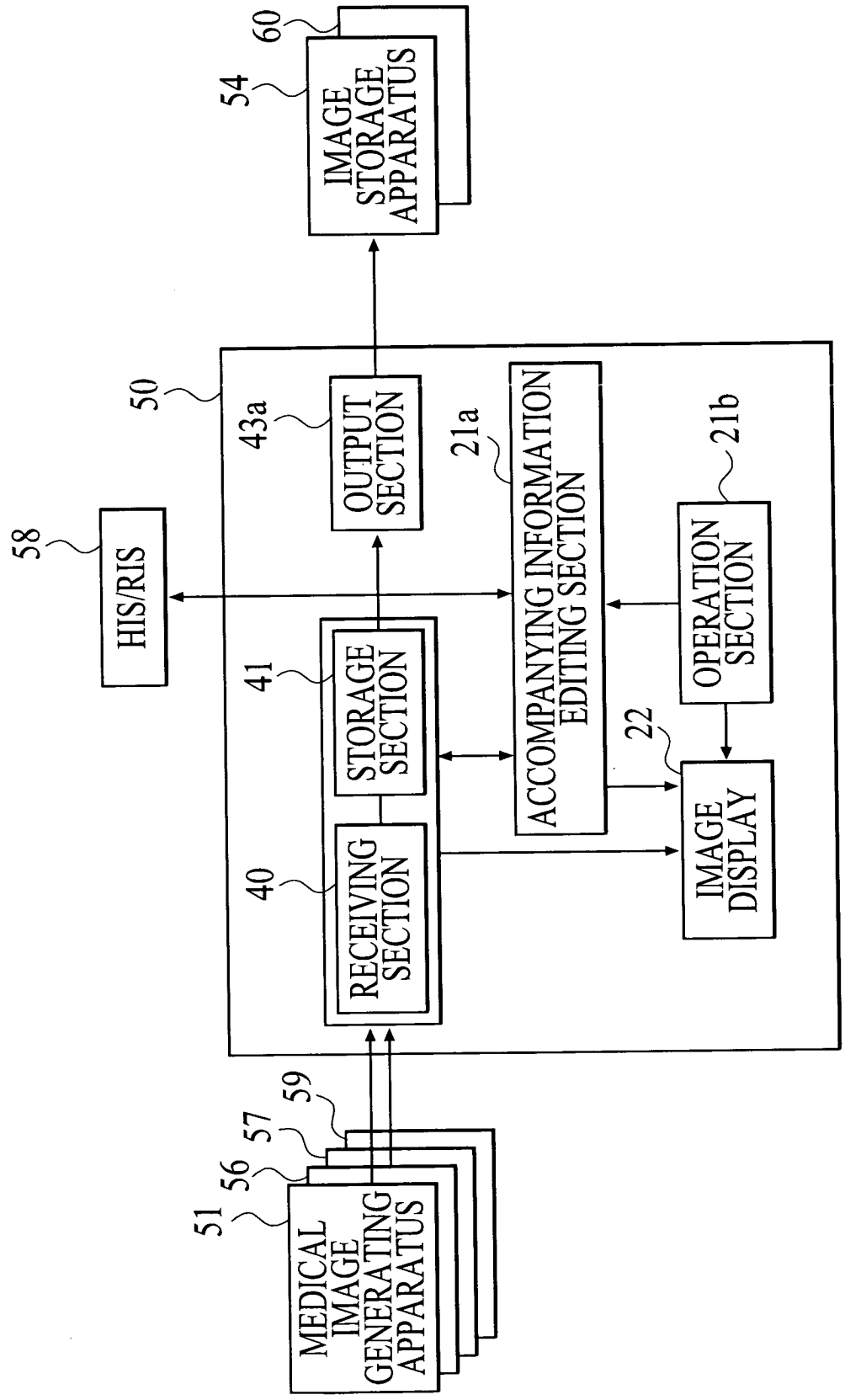

MEDICAL IMAGE GENERATING APPARATUS
51
56
57
59
RECEIVING SECTION
40
STORAGE SECTION
41
ACCOMPANYING INFORMATION EDITING SECTION
21a
OUTPUT SECTION
43a
50
HIS/RIS
58
IMAGE STORAGE APPARATUS
54
60
IMAGE DISPLAY
22
OPERATION SECTION
21b

FIG.4A

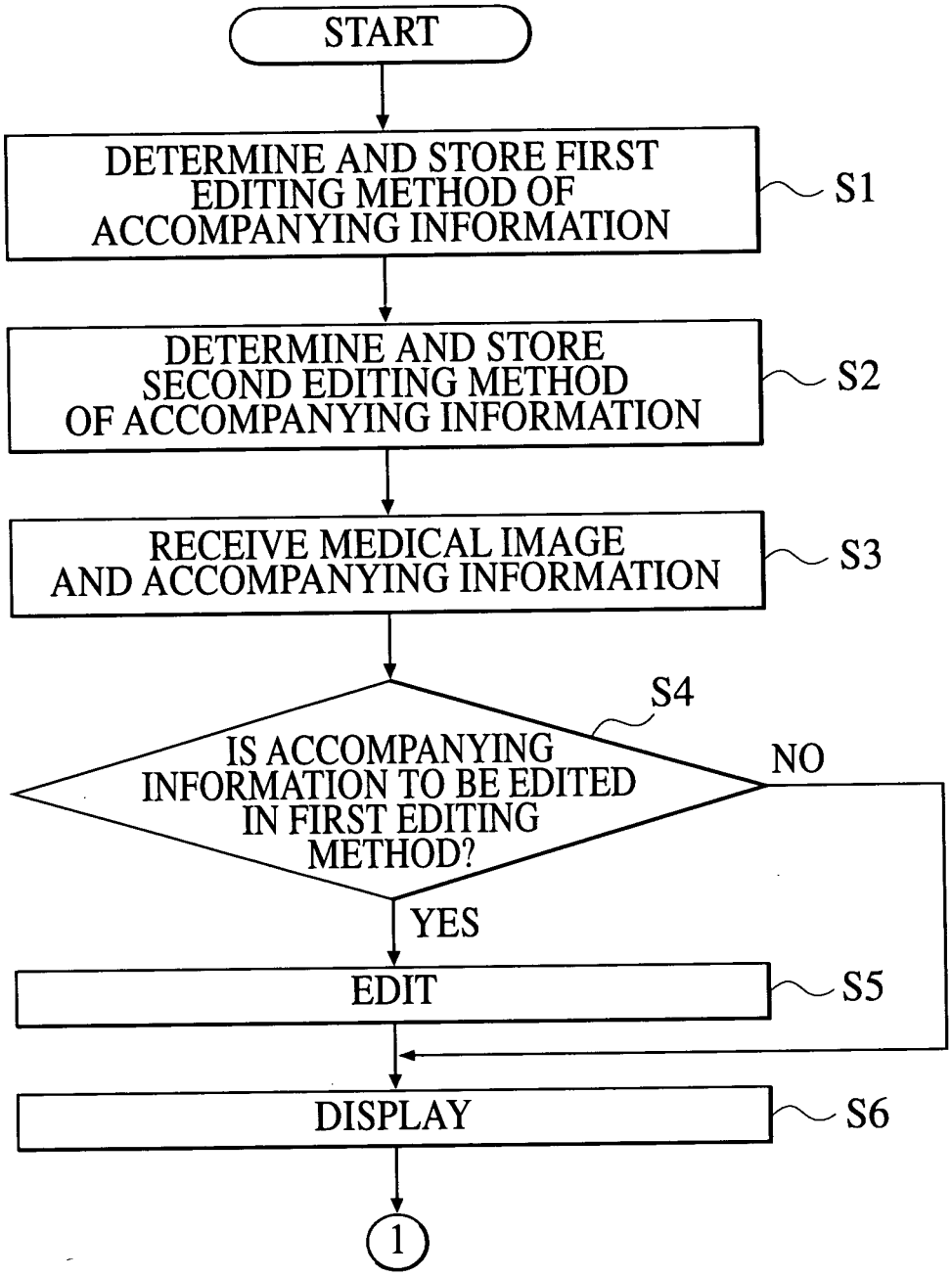

START
DETERMINE AND STORE FIRST EDITING METHOD OF ACCOMPANYING INFORMATION
S1
DETERMINE AND STORE SECOND EDITING METHOD OF ACCOMPANYING INFORMATION
S2
RECEIVE MEDICAL IMAGE AND ACCOMPANYING INFORMATION
S3
S4
IS ACCOMPANYING INFORMATION TO BE EDITED IN FIRST EDITING METHOD?
NO
YES
EDIT
S5
DISPLAY
S6
1

FIG.4B

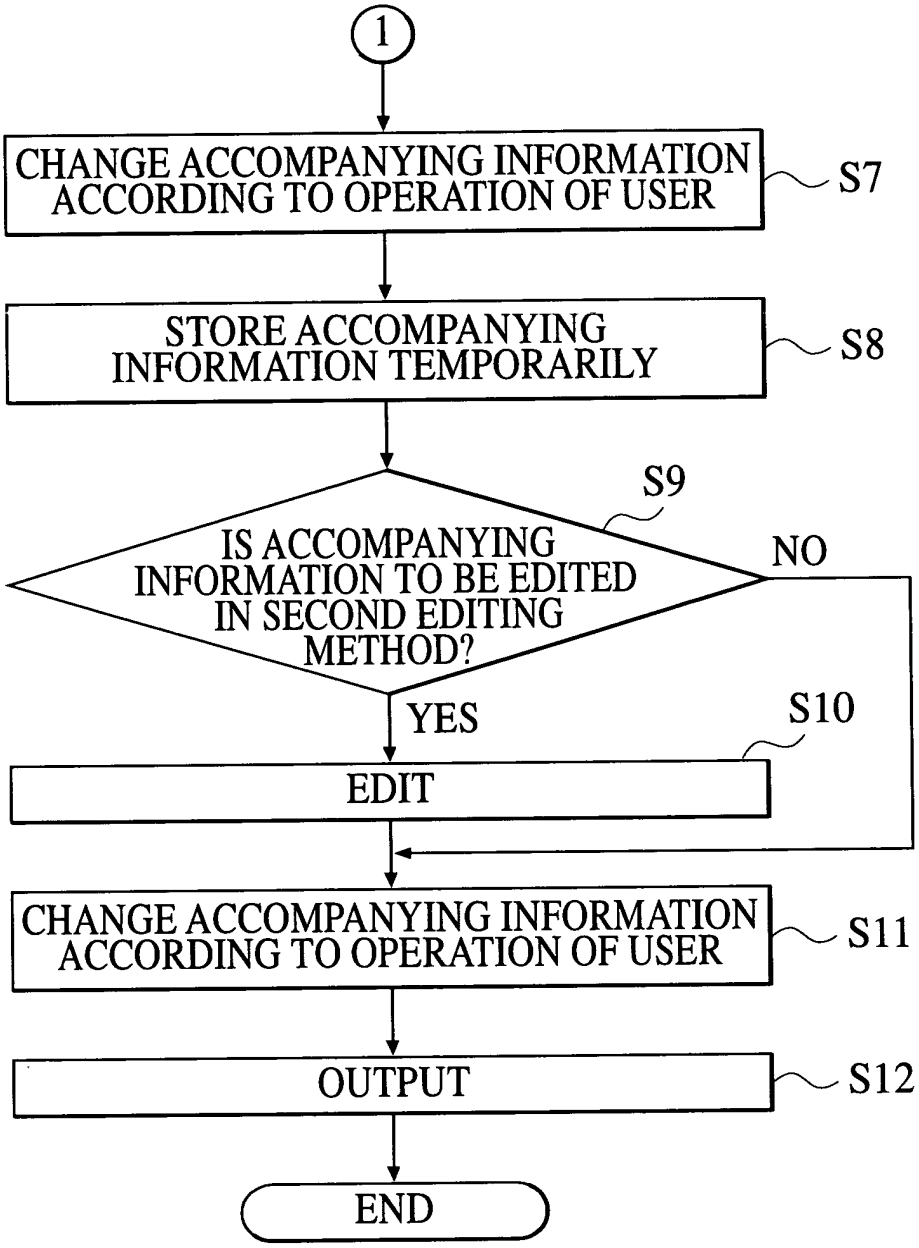
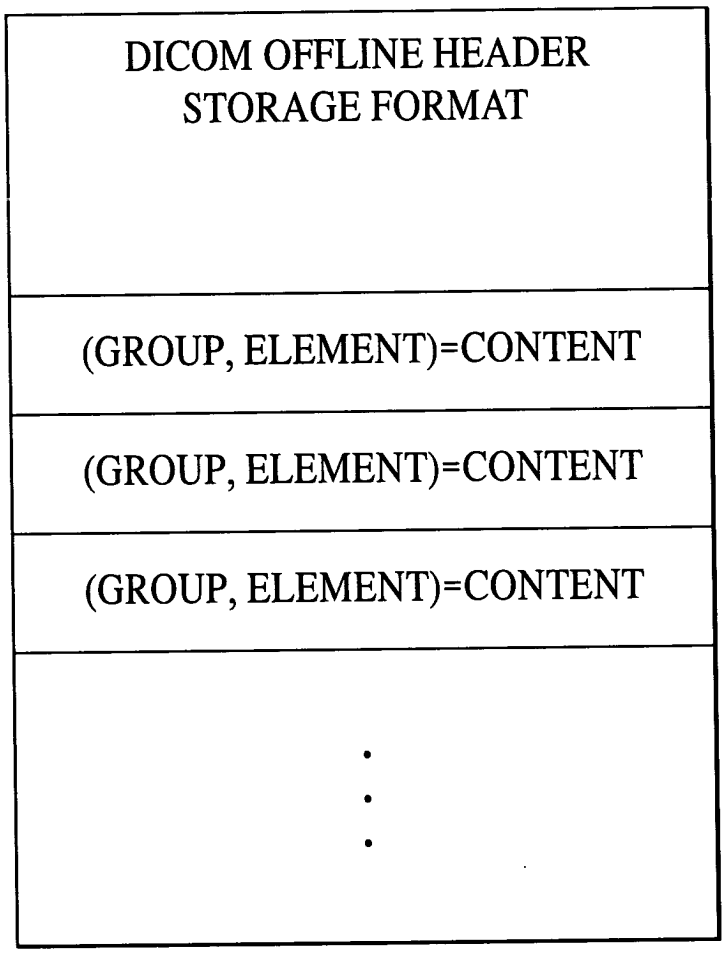

1
CHANGE ACCOMPANYING INFORMATION ACCORDING TO OPERATION OF USER
S7
STORE ACCOMPANYING INFORMATION TEMPORARILY
S8
S9
IS ACCOMPANYING INFORMATION TO BE EDITED IN SECOND EDITING METHOD?
NO
YES
S10
EDIT
CHANGE ACCOMPANYING INFORMATION ACCORDING TO OPERATION OF USER
S11
OUTPUT
S12
END

FIG.5


DICOM OFFLINE HEADER
STORAGE FORMAT
(GROUP, ELEMENT)=CONTENT
(GROUP, ELEMENT)=CONTENT
(GROUP, ELEMENT)=CONTENT